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L27: Entry 311 of 487   File: USPT   Apr 3, 2001

US-PAT-NO: 6212553
DOCUMENT-IDENTIFIER: US 6212553 B1

TITLE: Method for sending and receiving flags and associated data in e-mail transmissions

DATE-ISSUED: April 3, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lee; Bryan I-chuen	Redmond	WA		
Gilmore; Gay L.	Seattle	WA		
Thurlow; Scott A.	Kirkland	WA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Microsoft Corporation	Redmond	WA			02

APPL-NO: 09/ 018579   [PALM]
DATE FILED: February 4, 1998

PARENT-CASE:
CROSS REFERENCE TO RELATED APPLICATION This application is a division of application Ser. No. 08/658,840, filed May 31, 1996, entitled--SYSTEM AND METHOD FOR COMPOSING, PROCESSING, AND ORGANIZING ELECTRONIC MAIL MESSAGE ITEMS--.

INT-CL: [07] G06 F 15/16, G06 F 15/17

US-CL-ISSUED: 709/206; 709/207, 709/219, 709/246
US-CL-CURRENT: 709/206; 709/207, 709/219, 709/246

FIELD-OF-SEARCH: 709/219, 709/206, 709/214, 709/207, 709/240, 705/30, 380/21

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

| Search Selected | | Search ALL |

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4803619	February 1989	Bernstein et al.	364/200
☐	5333317	July 1994	Dann	395/600
☐	5377323	December 1994	Vasudevan	395/200
☐	5479408	December 1995	Will	370/313
☐	5627996	May 1997	Bauer	395/500
☐	5664185	September 1997	Landfield et al.	395/615
☐	5701462	December 1997	Whitney et al.	395/610
☐	5764906	June 1998	Edelstein et al.	395/200.49
☐	5835758	November 1998	Nochur et al.	707/102
☐	5870473	February 1999	Boesch et al.	380/21
☐	5884284	March 1999	Peters et al.	705/30
☐	5923848	July 1999	Goodhand et al.	709/219

OTHER PUBLICATIONS

"Disk Image Book and Program Load Facility", IBM-TDB (NN9307465) vol. 36, 7. pp. 465-466.*
Choi et al., "Efficient Embedded Web Server for Web-based network element management", 2000. IEEE Symposium record INOSE3, pp. 187-200.*
Putnam, F.A., "Internet-based data acquistion and control", Nov. 1999, Sensors vol. 16, No. 11, p. 60-3 (ISSN:0746-9462).*
O'Brien, "Embedded Web Servers", Nov. 1999, Embedded Systems Programming vol. 12, No. 12, p. 67-8, 70, 72.*
"Printing Follow-up Items", Jan. 1, 1990, IBMTDB (NB9001334) vol. 32, 8B, pp. 334-338.*
"Electronic Due Dates", Feb. 1, 1990, IBMTDB (NB9002345) vol. 32, 9B, pp. 345-347.*
"Automated Comfirmation of Understanding", Jul. 1, 1993, IBMTDB (NB9307483) vol. 36, 7, pp. 483-486.

ART-UNIT: 212

PRIMARY-EXAMINER: Rinehart; Mark

ASSISTANT-EXAMINER: Kang; Paul

ABSTRACT:

In an electronic mail system environment, a system and method for automatically checking recipients' names, providing message flags, providing custom forms, and providing an autoresponse feature. Recipients' names are resolved in the background, while the user of the e-mail system is composing the message. The user easily resolves ambiguous names by using a context menu. The resolved ambiguous names are automatically used to create nicknames, which are used to resolve ambiguous names in the future. Message flags allow a sender or recipient to identify required follow-up action and a deadline. The recipient may use the message flags to quickly determine which messages require follow-up action. The e-mail system notifies a recipient when a due date is approaching or when a follow-up action is past due. A custom forms feature allows a user to create and share custom forms without requiring the form to be published or installed by other user. The custom form's attributes are transmitted to the recipient as an element of the e-mail message. An autoresponse feature allows a sender to create a message that includes voting buttons corresponding to the possible responses to a query. A recipient replies by selecting one of the voting buttons. The recipient's vote is automatically tallied in the sender's copy of the message, thus allowing the sender to view a vote tally, a list of the recipients, and their response.

22 Claims, 40 Drawing figures

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L27: Entry 323 of 487   File: USPT   Dec 26, 2000

US-PAT-NO: 6167253
DOCUMENT-IDENTIFIER: US 6167253 A

TITLE: Mobile data/message/electronic mail download system utilizing network-centric protocol such as Java

DATE-ISSUED: December 26, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Farris; Robert D.	Sterling	VA		
Flaherty; Stephen J.	Upper Marlboro	MD		
Goodman; William D.	Collegeville	PA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Bell Atlantic Network Services, Inc.	Arlington	VA			02

APPL-NO: 08/ 998020   [PALM]
DATE FILED: December 24, 1997

PARENT-CASE:
RELATED APPLICATIONS This application is a continuation-in-part application from copending U.S. patent application Ser. No. 08/9114,234 filed on Nov. 4, 1997, from copending U.S. patent application Ser. No. 08/923,122 filed on Sep. 4, 1997, which is a continuation-in-part application from copending U.S. patent application Ser. No. 08/725,385 filed on Oct. 3, 1996, now U.S. Pat. No. 5,694,455 which is a continuation of copending U.S. patent application Ser. No. 08/371,902 filed on Jan. 12, 1995, now U.S. Pat. No. 5,594,779, all of which are hereby incorporated by reference.

INT-CL: [07] H04 M 11/10

US-CL-ISSUED: 455/412; 455/413, 455/414
US-CL-CURRENT: 455/412; 455/413, 455/414

FIELD-OF-SEARCH: 455/413, 455/412, 455/414, 455/418, 455/419, 455/466, 455/557, 455/4.1, 455/4.2, 455/6.3, 370/328, 370/352, 709/246, 709/227, 709/228, 709/230, 709/236

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

| Search Selected | | Search ALL |

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4124773	November 1978	Elkins	
☐	4481382	November 1984	Villa-Real	
☐	4577067	March 1986	Levy et al.	

☐	4599490	July 1986	Cornell et al.	
☐	4750198	June 1988	Harper	
☐	4754495	June 1988	Kawano et al.	
☐	4799253	January 1989	Stern et al.	
☐	4812843	March 1989	Champion, III et al.	
☐	4849811	July 1989	Kleinerman	
☐	4893327	January 1990	Stern et al.	
☐	4905301	February 1990	Krolopp et al.	
☐	4922518	May 1990	Gordon et al.	
☐	4932046	June 1990	Katz et al.	
☐	4954958	September 1990	Savage et al.	
☐	4972455	November 1990	Phillips et al.	
☐	5008925	April 1991	Pireh	
☐	5010399	April 1991	Goodman	
☐	5020091	May 1991	Krolopp et al.	
☐	5020092	May 1991	Phillips et al.	
☐	5020093	May 1991	Pireh	
☐	5105197	April 1992	Claggett	
☐	5111534	May 1992	Benner	
☐	5119397	June 1992	Dahlin et al.	
☐	5119502	June 1992	Kallin et al.	
☐	5121126	June 1992	Clagett	342/419
☐	5131020	July 1992	Liebesny et al.	455/413
☐	5148471	September 1992	Metroka et al.	
☐	5177780	January 1993	Kasper et al.	
☐	5206641	April 1993	Grant et al.	340/905
☐	5218629	June 1993	Dumond, Jr. et al.	
☐	5222120	June 1993	McLeod et al.	
☐	5243640	September 1993	Hadley et al.	
☐	5247347	September 1993	Litteral et al.	348/7
☐	5247698	September 1993	Sawyer et al.	
☐	5251249	October 1993	Allen et al.	
☐	5257400	October 1993	Yoshida	
☐	5307400	April 1994	Sawyer et al.	
☐	5313515	May 1994	Allen et al.	
☐	5319641	June 1994	Fridrich et al.	
☐	5329578	July 1994	Brennan et al.	
☐	5353287	October 1994	Kuddes et al.	
☐	5353331	October 1994	Emery et al.	
☐	5353352	October 1994	Dent et al.	
☐	5369681	November 1994	Boudreau et al.	
☐	5371898	December 1994	Grube et al.	

☐	5418784	May 1995	Ramakrishnan et al.	
☐	5436960	July 1995	Campana, Jr. et al.	455/412
☐	5440336	August 1995	Buhro et al.	348/13
☐	5444768	August 1995	Lemaire et al.	379/68
☐	5457732	October 1995	Goldberg	
☐	5487101	January 1996	Fletcher	455/435
☐	5506887	April 1996	Emery et al.	
☐	5559860	September 1996	Mizikovsky	
☐	5594779	January 1997	Goodman	455/413
☐	5692032	November 1997	Seppanen et al.	455/466
☐	5694455	December 1997	Goodman	455/413
☐	5727159	March 1998	Kikinis	709/246
☐	5745551	April 1998	Strauch et al.	455/412
☐	5802299	November 1998	Logan et al.	709/218
☐	5841979	November 1998	Shulhof et al.	709/237

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FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
2216319	October 1989	GB	

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"Wireless Web browsing: How long will deployment take?", by Arielle Emmett (Dec. 15, 1996), Wireless Web Browsing, pp. 1-5.
"Tomorrow's Internet is Here Today", Smith B., Computer, Apr. 1997, pp. 22 and 23.
"Communications", Bell & Riezenman, IEEE Spectrum, Jan. 1997, pp. 27-37.
"Java and Beyond: Executable Content", K. Srinivas et al., Computer, Jun. 1997, pp. 49-52.
"Cafe: The right place for Java", D. Krishna, Computer, Jul. 1996, pp. 104-108.
"Java, the Web, and Software Development", E. Yourdon, Computer, Aug. 1996, pp. 25-30.
"The Case for Java as a Programming Language", A. van Hoff, IEEE Internet Computing, Jan./Feb. 1997, pp. 51-56.
"Software Engineering", Comerford, IEEE Spectrum, Jan. 1997, pp. 65-69.
"Java and the Shift to Net-Centric Computing", M. Hamilton, Computer, Aug. 1996, pp. 31-39.
"Enterprise Computing: The Java Factor", P. Ram et al., Computer, Jun. 1997, pp. 83-87.
"Java- and CORBA-Based Network Management", M. Leppinen et al., Computer, Jun. 1997, pp. 83-87.
"The Feel of Java", J. Gosling, Computer, Jun. 1997, pp. 53-57.
"If Java Is the Answer, What Was the Question?", T. Lewis, Computer, Mar. 1997, pp. 136, 133-135.

ART-UNIT: 274

PRIMARY-EXAMINER: Trost; William G.

ASSISTANT-EXAMINER: Redmon; Joy

ABSTRACT:

In an information distribution system having mobile users, a method of distributing communication channels to mobile users includes transmitting information signals including at least one of Web related information and Internet related information

received via one ore more of the Internet, ADSL, another mobile, a land-based user, and the at least one information service provider. The method also includes receiving the information signals from one or more of the Internet, ADSL, another mobile, a land-based user, and the information service provider in the receiver of the mobile terminal, and storing the information signals in its entirety in the mobile terminal prior to broadcasting and/or displaying same to the mobile user. The method also formats, broadcasts and/or displays the information signals after being stored in the mobile terminal.

47 Claims, 37 Drawing figures

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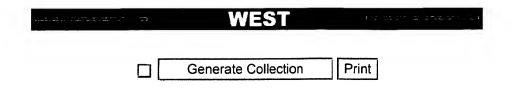| Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L28	L27 and tag near field same record	15	L28
L27	L26 and (time near period or duration or interval)	487	L27
L26	I18 and stor$ same record	613	L26
L25	I22 and (time near period or duration or interval)	17	L25
L24	L23 and (time near period or duration or interval)	15	L24
L23	L22 and stor$ same record	16	L23
L22	I18 and tag near field same record	20	L22
L21	L19 and tag near field same record	13	L21
L20	L19 and tag near delet$3	2	L20
L19	L18 and user near profile	194	L19
L18	L17 and records and distribut$ and tag	972	L18
L17	electronic same mail	24239	L17
L16	L15 and electronic near mail	24	L16
L15	L14 and tag near record	180	L15
L14	records and distribut$3 and tag	7632	L14
L13	(((709/253)!.CCLS.))	155	L13
L12	(((709/230)!.CCLS.))	758	L12
L11	(((709/212)!.CCLS.))	207	L11
L10	(((709/201)!.CCLS.))	971	L10
L9	(((711/170)!.CCLS.))	784	L9
L8	(((711/$)!.CCLS.))	15547	L8
L7	(((707/$)!.CCLS.))	17691	L7
L6	(((707/206)!.CCLS.))	314	L6
L5	(((707/200)!.CCLS.))	1100	L5
L4	(((707/104.1)!.CCLS.))	2031	L4
L3	(((707/100)!.CCLS.))	1323	L3
L2	(((707/10)!.CCLS.))	2563	L2
L1	((707/1)!.CCLS.)	2019	L1

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L10	L9 and field near record	' 18	L10
L9	l2 and stor$ near3 tag	76	L9
L8	L6 and time near5 period	150	L8
L7	L6 and time same period	157	L7
L6	L5 and record	238	L6
L5	L2 and field	357	L5
L4	L3 and user near5 profile	68	L4
L3	L2 and create	294	L3
L2	L1 and electronic same tag	445	L2
L1	electronic same mail	24239	L1

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L9: Entry 64 of 76   File: USPT   Jun 16, 1998

US-PAT-NO: 5768362
DOCUMENT-IDENTIFIER: US 5768362 A

TITLE: Multiple field entry telephone directory for a cellular telephone

DATE-ISSUED: June 16, 1998

INVENTOR-INFORMATION:
NAME   CITY   STATE   ZIP CODE   COUNTRY
Moon; Billy Gayle   Apex   NC

ASSIGNEE-INFORMATION:
NAME   CITY   STATE ZIP CODE   COUNTRY TYPE CODE
Ericsson, Inc. Research Triangle   NC   02

APPL-NO: 08/ 705743   [PALM]
DATE FILED: August 30, 1996

INT-CL: [06] H04 M 1/00

US-CL-ISSUED: 379/356; 379/354, 379/93, 379/100.14, 379/93.23, 455/564, 455/556,
455/575
US-CL-CURRENT: 379/355.05; 379/100.14, 379/354, 379/355.09, 379/357.05, 379/93.01,
379/93.23, 455/556, 455/564, 455/575

FIELD-OF-SEARCH: 379/356, 379/354, 379/93, 379/355, 379/359, 379/140, 379/216,
379/100.14, 379/93.23, 455/564, 455/556

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

[Search Selected]   [Search ALL]

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4734931	March 1988	Bourg et al.	379/93
☐	4811111	March 1989	Kurokawa	379/100.14
☐	4885580	December 1989	Noto et al.	379/354
☐	5243643	September 1993	Sattar, et al.	
☐	5283818	February 1994	Klausner et al.	
☐	5301035	April 1994	Hayafune	
☐	5359651	October 1994	Draganoff	
☐	5384825	January 1995	Dillard et al.	
☐	5398279	March 1995	Frain	379/140
☐	5465401	November 1995	Thompson	
☐	5524049	June 1996	Akiyama	379/354
☐	5553125	September 1996	Martensson	379/140
☐	5561705	October 1996	Allard et al.	455/564

ART-UNIT: 274

PRIMARY-EXAMINER: Bost; Dwayne D.

ASSISTANT-EXAMINER: Ferguson; Keith

ABSTRACT:

An internal telephone directory for storing telephone numbers and communication protocol parameters. The telephone directory includes a contact entry type and a data service entry type, with both entry types possessing an entry type flag to distinguish between them, and an alphanumeric tag for identification. The contact entry further includes a set of entry fields for storing telephone numbers associated with the alphanumeric tag. The data service entry further includes a set of entry fields for storing a data service telephone number and communication protocol parameters.

6 Claims, 5 Drawing figures

ABSTRACT:

A system for warning the sender of e-mail messages if the messages are not received is described. The system permits the sender of a message to designate whether the sender wishes to be warned in case the message is not opened by the recipient prior to a time and date specified by the sender. The sender's system maintains a database of such messages, and automatically monitors incoming messages and updates the database as responses are received from recipients of messages. If a response is not received from a recipient prior to the specified date, the system generates a warning message to the sender.

27 Claims, 8 Drawing figures

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L10: Entry 9 of 18   File: USPT   Aug 22, 2000

US-PAT-NO: 6108688
DOCUMENT-IDENTIFIER: US 6108688 A

TITLE: System for reminding a sender of an email if recipient of the email does not respond by a selected time set by the sender

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:
NAME	CITY	STATE	ZIP CODE	COUNTRY
Nielsen; Jakob	Atherton	CA		

ASSIGNEE-INFORMATION:
NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Sun Microsystems, Inc.	Palo Alto	CA			02

APPL-NO: 08/ 662898   [PALM]
DATE FILED: June 12, 1996

INT-CL: [07] G06 F 15/16, G06 F 15/173

US-CL-ISSUED: 709/206; 709/207, 709/224
US-CL-CURRENT: 709/206; 709/207, 709/224

FIELD-OF-SEARCH: 345/200.36, 345/673, 455/26.1, 379/201, 358/402, 340/825.05, 364/400, 709/206, 709/207, 709/224

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

| Search Selected | | Search ALL |

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	5057935	October 1991	Williams	358/402
☐	5245532	September 1993	Mourier	364/400
☐	5377354	December 1994	Scannell et al.	395/673
☐	5493692	February 1996	Theimer et al.	455/26.1
☐	5652789	July 1997	Miner et al.	379/201
☐	5675733	October 1997	Williams	395/200.36

OTHER PUBLICATIONS

Townsend et al, "Microsoft Office 6 in 1", 1994, pp. 530-531.

ART-UNIT: 276

PRIMARY-EXAMINER: Luu; Le Hien